METHOD STATEMENT (FOUNDATIONS, BASEMENT & GROUND FLOOR LEVELS)
2014.07.29

Project Ref: 6475

Project:	Bourne Estate, Camden.
Client:	Higgins Construction PLC
Architect:	Matthew Lloyd Architects

Brief Description of Project:

Mixed tenure development comprising two blocks six storeys high. Block 1 is the smaller block, with a plant room and community centre at ground floor and residential accommodation above. Block 1 abuts an existing building (Nigel Buildings) at its north eastern end. Block 2 is the larger block, comprising residential accommodation. The blocks are separated by a new MUGA sports area. Both Blocks have partial basements.
Both blocks comprise RC framed construction with flat floor and roof slabs. Contiguous piled walls & capping beams are to the perimeter of the basement walls. External cladding is mostly brickwork, with a light gauge metal stud inner leaf.

Method of Construction:

The method of construction will consist of the below outlined sequences:-

- Reduced Level dig to working platform level.
- Pile from working platform level, including the contiguous piling
- Excavate for the capping Beams
- Place reinforcement and cast capping beams
- Excavate locally to allow insertion of temporary props to capping beams
- Excavate basement to basement formation level
- Excavate, reinforce and cast pile caps to basement (basement level)
- Reinforce and cast basement slab
- Reinforce and cast basement walls and columns upto ground floor slab
- Excavate, reinforce and cast high level pile caps (ground floor level)
- Excavate, reinforce and cast ground floor slabs
- Remove temporary propping to contiguous piled walls and capping beams
- Reinforce and cast infill areas of ground floor slab previously occupied by the temporary propping as required.

The above bullet points gives an overview of the typical construction sequence for each block